

### CLAIMS

1. (Currently Amended) A printing system comprising:  
a printing device for printing on a printing medium in accordance with a plurality of adjustable settings first setting;  
an interface; and  
a controller for controlling the adjustable settings of the printing device first setting responsive to inputs from the interface, the controller having an on line mode wherein the printing device prints while the adjustable settings are first setting is unchanging, and an off line mode for calibration of the adjustable settings first setting for the printing medium, wherein the controller is adapted to, while in the off line mode,  
identify a plurality of first calibration values for a the first setting of the adjustable settings through derivation of at least one trigger value,  
~~control the printing device to~~ iteratively set the first setting of the printing device ~~according to one each~~ of the first calibration values, where the printing device, after each iteration, prints and then print a corresponding sample image according to the first setting, and  
receive a first feedback input that identifies one of the first calibration values as preferred for the first setting.

2. (Currently Amended) The printing system of claim 1, wherein the controller is further adapted to:  
identify a plurality of second calibration values for a the second setting of the adjustable settings,  
~~control the printing device to~~ iteratively set the second setting of the printing device ~~according to one each~~ of the second calibration values, where the printing device, after each iteration, prints and then print a corresponding sample image according to the second setting, and  
receive a second feedback input that identifies one of the second calibration values as preferred for the second setting.

3. (Original) The printing system of claim 1, wherein the controller is further adapted to

control the printing device to also print an indicium on each sample corresponding to the calibration value of the first setting being used, and interpret the feedback input based on the indicium.

4. (Original) The printing system of claim 1, wherein the first setting is a temperature of a fuser.
5. (Original) The printing system of claim 1, wherein the first setting is a print speed.
6. (Original) The printing system of claim 1, wherein the first setting is a set of color curves.
7. (Original) The printing system of claim 1, wherein the first setting is a set of gamma curves.
8. (Original) The printing system of claim 1, wherein the first setting is a set of white point data.
9. (Currently Amended) The printing system of claim 2, wherein the second ~~first~~ calibration values are preset for the second ~~first~~ setting.
10. (Original) The printing system of claim 1, wherein the controller is further adapted to:  
receive at least one trigger value regarding the first setting,  
wherein the first calibration values are derived from the trigger value.
11. (Original) The printing system of claim 10, wherein the trigger value corresponds to an initial value.
12. (Original) The printing system of claim 11, wherein the first calibration values are derived from an increment and the initial value.
13. (Original) The printing system of claim 11, wherein

the increment has a preset value.

14. (Original) The printing system of claim 1, further comprising:  
a memory.

15. (Original) The printing system of claim 14, wherein the controller is further adapted to:

store in the memory a preferred one of the first calibration values.

16. (Original) The printing system of claim 14, wherein the controller is further adapted to:

store in the memory an identifier for the printing medium that the sample images are printed on.

17. (Original) The printing system of claim 16, further comprising:  
a bar code scanner to read the identifier.

18. (Currently Amended) An article comprising: a storage medium, the storage medium having instructions stored thereon, wherein when the instructions are executed by at least one device, they result in:

placing a printing device in an off line media characterization mode ~~for a first setting of the printing device;~~

identifying a plurality of first calibration values for the first setting of the printing device;

iteratively setting the first setting of the printing device according to ~~one each~~ of the first calibration values, where the printing device, after each iteration, prints and then printing a corresponding sample image using the printing device according to the first setting; and

receiving a first feedback input that identifies one of the first calibration values as preferred for the first setting;

identifying a plurality of second calibration values for a second setting of the printing device;

iteratively setting the second setting of the printing device according to each of the second calibration values, where the printing device, after each iteration, prints a corresponding sample image according to the second setting; and

receiving a second feedback input that identifies one of the second calibration values as preferred for the second setting.

19. (Canceled)

20. (Original) The article of claim 18, wherein all the sample images are derived from a single electronic image file.

21. (Original) The article of claim 18, wherein the instructions further result in: printing, along with each sample image, an indicium corresponding to the first calibration value of the first setting in use while printing the sample image.

22. (Canceled)

23. (Original) The article of claim 18, wherein the first setting is a temperature of a fuser.

24. (Original) The article of claim 18, wherein the first setting is a print speed.

25. (Original) The article of claim 18, wherein the first setting is a set of color curves.

26. (Original) The article of claim 18, wherein the first setting is a set of gamma curves.

27. (Original) The article of claim 18, wherein the first setting is a set of white point data.

28. (Original) The article of claim 18, wherein the first calibration values are preset for the first setting.

29. (Original) The article of claim 18, wherein the instructions further result in: receiving at least one trigger value regarding the first setting.

wherein the first calibration values are derived from the trigger value.

30. (Original) The article of claim 29, wherein the trigger value corresponds to an increment value.

31. (Original) The article of claim 29, wherein the trigger value corresponds to an initial value.

32. (Original) The article of claim 31, wherein the first calibration values are derived from an increment and the initial value.

33. (Original) The article of claim 31, wherein the increment has a preset value.

34. (Original) The article of claim 31, wherein the instructions further result in: setting a value for the increment.

35. (Original) The article of claim 18, wherein the instructions further result in: store a preferred one of the first calibration values in a memory.

36. (Original) The article of claim 35, wherein the instructions further result in: storing in the memory an identifier for the printing medium that the sample images are printed on.

37. (Currently Amended) A method comprising:  
placing a printing device in an off line media characterization mode ~~for a first setting of the printing device;~~  
identifying a plurality of first calibration values for the first setting of the printing device;

iteratively setting the first setting of the printing device according to ~~one each~~ each of the first calibration values, where the printing device, after each iteration, prints and then printing a corresponding sample image using the printing device according to the first setting; and

receiving a first feedback input that identifies one of the first calibration values as preferred for the first setting.

identifying a plurality of second calibration values for a second setting of the printing device;

iteratively setting the second setting of the printing device according to each of the second calibration values, where the printing device, after each iteration, prints a corresponding sample image according to the second setting; and

receiving a second feedback input that identifies one of the second calibration values as preferred for the second setting.

38. (Canceled)

39. (Original) The method of claim 37, wherein  
all the sample images are derived from a single electronic image file.

40. (Original) The method of claim 37, further comprising:  
printing, along with each sample image, an indicium corresponding to the first  
calibration value of the first setting in use while printing the sample image.

41. (Original) The method of claim 37, wherein  
the first setting is a temperature of a fuser.

42. (Original) The method of claim 37, wherein  
the first setting is a print speed.

43. (Original) The method of claim 37, wherein  
the first setting is a set of color curves.

44. (Original) The method of claim 37, wherein  
the first setting is a set of gamma curves.

45. (Original) The method of claim 37, wherein  
the first setting is a set of white point data.

46. (Original) The method of claim 37, wherein  
the first calibration values are preset for the first setting.

47. (Original) The method of claim 37, further comprising:  
receiving at least one trigger value regarding the first setting,  
wherein the first calibration values are derived from the trigger value.

48. (Original) The method of claim 47, wherein  
the trigger value corresponds to an increment value.

49. (Original) The method of claim 47, wherein  
the trigger value corresponds to an initial value.

50. (Original) The method of claim 49, wherein  
the first calibration values are derived from an increment and the initial value.

51. (Original) The method of claim 49, wherein  
the increment has a preset value.

52. (Original) The method of claim 49, further comprising:  
setting a value for the increment.

53. (Original) The method of claim 37, further comprising:  
store a preferred one of the first calibration values in a memory.

54. (Original) The method of claim 53, further comprising:  
storing in the memory an identifier for the printing medium that the sample images  
are printed on.

55. (Original) The method of claim 54, further comprising:  
scanning a bar code to read the identifier.

56. (Currently Amended) A method comprising:  
selecting a first setting of a printing device for calibration with a printing medium;  
feeding a plurality of sheets of the printing medium to the printing device for printing  
a plurality of sample images;

visually inspecting the sample images corresponding to the first setting to select one of them as the preferred one; and

entering in a memory a first feedback input to indicate the preferred sample image;  
selecting a second setting of the printing device for calibration with the printing medium, where the printing device prints a plurality of sample images according to the selection of the second setting;

visually inspecting the sample images corresponding to the second setting to select one of them as the preferred sample image; and

entering in a memory a second feedback input to indicate the preferred sample image.

57. (Currently Amended) The method of claim 56, wherein each one of the sample images includes an indicium, and the first and second feedback inputs identify ~~input identifies~~ the indicium.

58. (Original) The method of claim 56, wherein the first setting is a temperature of a fuser.

59. (Original) The method of claim 56, wherein the first setting is a print speed.

60. (Original) The method of claim 56, wherein the first setting is a set of color curves.

61. (Original) The method of claim 56, wherein the first setting is a set of gamma curves.

62. (Original) The method of claim 56, wherein the first setting is a set of white point data.